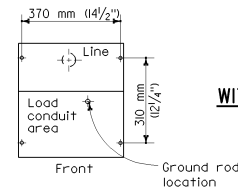


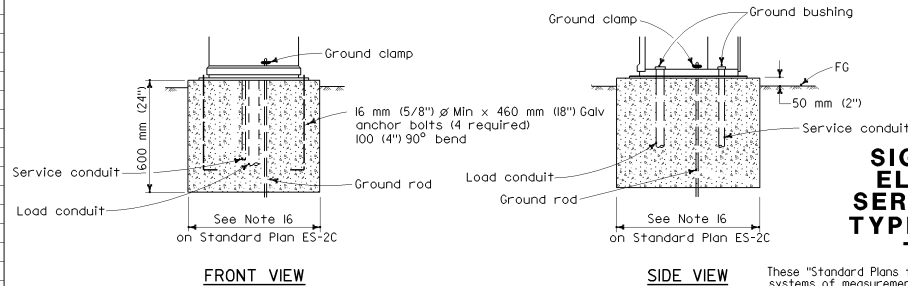
120/240 V SERVICE WIRING DIAGRAM (TYPICAL)

TYPE III-B SERVICE (120/240 V) EQUIPMENT LEGEND

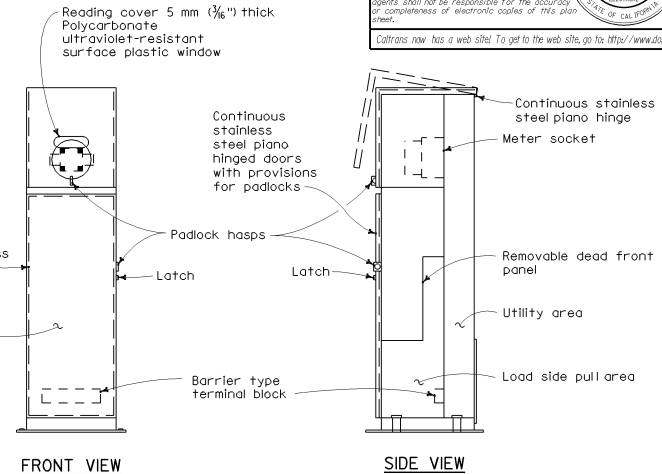
ITEM NO.	COMPONENT	NAME PLATE DESCRIPTION
(1)	Neutral lug	
(2)	Landing lug	
(3)	Test bypass facility	
(4)	Meter socket and support	
(5)	Terminal blocks	
(6)	Solid neutral terminal strip	
(7)	Ground lug	
(8)	Ground rod	
(9)	30 A, 2PNO Contactor	Sign Illumination
(10)	Photoelectric unit	
(11)	15 A, IP, Test switch	Sign Illumination Test Switch
(12)	15 A, 120 V, IP, CB	Sign Illumination Control
(13)	15 A, 120 V, IP, CB	Flashing Beacon
(14)	30 A, 240 V, 2P, CB	Sign Illumination
(15)	100 A, 240 V, 3P, CB	Main Breaker
(16)	30 A, 240 V, 2P, CB	Lighting
(17)	50 A, 120 V, IP, CB	Signals
(18)	30 A, 120 V, IP, CB	Ramp Metering
(19)	20 A, 120 V, IP, CB	Irrigation
(20)	15 A, 120 V, IP, CB	Lighting Control
(21)	Photoelectric unit	
(22)	15 A, IP, Test switch	Lighting Test Switch
(23)	60 A, 2PNO Contactor	Lighting
(24)	15 A, 120 V, IP, CB	IISNS
(25)	30 A, 2PNO Contactor	
(26)	20 A, 120 V, IP, CB	Telephone Demarcation Cabinet



BASE FOR TYPE III-B SERVICE EQUIPMENT ENCLOSURE



TYPE III-B SERVICE EQUIPMENT ENCLOSURE FOUNDATION DETAILS



TYPE III-BF SERVICE EQUIPMENT ENCLOSURE WITH PROVISIONS FOR ONE 100 A METER (TYPICAL)

NOTES:

(FOR SERVICE EQUIPMENT)

1. Voltage ratings of service equipment shall conform to the service voltages indicated on the plans.
2. Unless otherwise indicated on the plans, all service equipment items shall be provided for each service equipment enclosure as shown.
3. Meter sockets shall be the 5 clip type.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS SERVICE EQUIPMENT AND TYPICAL WIRING DIAGRAM TYPE III - B SERIES

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

ES-2E

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
				15123	

Theresa Gabriel
REGISTERED PROFESSIONAL ENGINEER
No. E15123
Exp. 6-30-04
STATE OF CALIFORNIA

July 1, 2002
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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